

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. When strikethrough cannot easily be perceived, or when five or fewer characters are deleted, [[double brackets]] are used to show the deletion. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered). Please AMEND claims 1, 5 and 8 and add new claim 13 in accordance with the following:

1. (currently amended) A bandpass filter, comprising an inductor having a core that consists essentially of an Fe-based amorphous metal alloy ribbon, a linear BH loop, and has a substantially constant permeability over a frequency range of about 1 to 1000 kHz.

2. (cancelled)

3. (cancelled)

4. (previously presented) A bandpass filter as recited by claim 1, wherein said substantially constant permeability exists for a field strength range of approximately -15 to +15 Oe.

5. (currently amended) An inductor comprising a core that consists essentially of an Fe-based amorphous metal alloy ribbon, a linear BH loop, and has a substantially constant permeability over a frequency range of approximately 1 to 1000 KHz.

6. (cancelled)

7. (original) An inductor as recited by claim 5, wherein said substantially constant permeability is extant over a field strength range of approximately -15 to +15 Oe.

8. (currently amended) In a method for limiting frequency communications, the improvement wherein there is utilized an inductor having a core consisting essentially of an Fe-based amorphous metal alloy ribbon, having a linear BH loop, and having a substantially

constant permeability over a frequency range of about 1 to 1000 kHz.

9. (cancelled)

10. (cancelled)

11. (original) A method as recited by claim 8, wherein said core permeability is substantially constant over a magnetic field strength range of approximately -15 to +15 Oe.

12. (currently amended) A bandpass filter, comprising:

an inductor having a core comprising an Fe-based amorphous metal alloy ribbon, having a linear BH loop, and having a permeability in a range of 400 to 1000 over a frequency range of about 1 to 1000 kHz.

13. (new) A bandpass filter, comprising:

an inductor having a core comprising an Fe-based amorphous metal alloy ribbon, and having a linear BH loop,

wherein the permeability of the core is substantially constant over a field strength range of approximately -15 to +15 Oersteds (Oe).